

M-15281US
10/753,673REMARKS

Applicant respectfully traverses the rejection of the pending claims as being unpatentable over the Chang reference (USP 5,912,842) in view of the Chindalore publication (2004/0070030). In particular, claim 1 has been amended to include the limitations of former claim 2. As seen in Figure 3 and Figure 4 of Chindalore, an angled implant is used to form implant 46. This is to affect the Vt of the resulting device. However, Applicants' implant has nothing to do with changing the threshold voltage by doping in the channel region. Instead, the lateral extent of the implant is the same as that for the diffusion region – they are both implanted or diffused normally into the substrate. Indeed, as described by the Applicants, for example, on page 6, line 5-10, one of the purposes of their “one-sided” implant is to protect against punch through. However, such a goal is destroyed by the angled implant of Chindalore. Applicants note that Chindalore makes no teaching or suggestion for an implant having the lateral extent limitation of claim 1. Thus, claim 1 and its dependent claims are allowable over the cited prior art. Applicants respectfully note that the citation to “Col. 6, lines 33-41” (with regard to former claim 2) cannot be with respect to the Chindalore publication. Moreover, Col. 6, lines 33-41 in the Chang reference does nothing to suggest that the angled implant of Chindalore should be made normally. Such a teaching can only be gleaned from a reading of Applicants' disclosure using sheer hindsight.

Accordingly, Applicants respectfully submit that Claims 1, and 3 -- 9 are in proper form for allowance. Reconsideration and withdrawal of the rejections are respectfully requested and a timely Notice of Allowance is solicited.


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If there are any questions regarding any aspect of the application, please call the undersigned at (949) 752-7040.

Certificate of Transmission

I hereby certify that this correspondence is being facsimile transmitted to the Commissioner for Patents on the date stated below.


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Dated: February 27, 2006

Respectfully submitted,



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